

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Craig Jon HAWKER et al.

Divisional of Serial No.: 10/092,641

Group Art Unit: Unassigned

Filing Date: Concurrently herewith

Examiner: Unassigned

Title: PREPARATION OF CROSSLINKED PARTICLES FROM POLYMERS HAVING
ACTIVATIBLE CROSSLINKING GROUPS

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Applicants respectfully request that the Examiner review and make of record the references identified below.

The references identified below were disclosed and/or cited in parent application Serial No. 10/092,641, filed October 15, 2002, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d).

A PTO-1449 form listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record. The references are as follows:

| U.S. PATENT DOCUMENTS | | |
|-----------------------|-------------------------------|----------------------|
| Document No. | Issue Date / Publication Date | Patentee / Applicant |
| 4,829,144 | 5/9/89 | Brunelle et al. |
| 5,039,783 | 8/13/91 | Brunelle et al. |
| 5,041,516 | 8/20/91 | Fréchet et al. |
| 5,407,984 | 4/18/95 | Brunelle et al. |
| 5,514,764 | 5/7/96 | Frechet et al. |
| 5,668,186 | 9/16/97 | Brunelle et al. |
| 5,965,679 | 10/12/99 | Godschalx et al. |
| 6,107,357 | 8/22/00 | Hawker et al. |
| 6,110,649 | 8/29/00 | Carter et al. |
| 6,288,188 | 9/11/01 | Godschalx et al. |

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| Document No. | Publication Date | Country |
| DE 19754304 A1 | 6/10/99 | Germany |
| DE 19922368 A1 | 11/16/00 | Germany |
| DE 19947631 A1 | 6/29/00 | Germany |
| WO 96/11054 | 4/18/96 | PCT |
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| OTHER DOCUMENTS |
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| AUWETER (2000), "Production and Characterization of Organic Nanoparticles" seminar abstract, Clarkson University Department of Chemical Engineering and Center of Advanced Materials Processing (abstract printed 6/29/01 from URL: http://cu.clarkson.edu/~maigafat/PCON.html). |
| MERCERREYES et al. (2001), "A Novel Approach to Functionalized Nanoparticles: Self-Crosslinking of Macromolecules in Ultradilute Solution," <i>Advanced Materials</i> 13 (3):204-208. |
| WOOLEY (2000), "Shell Crosslinked Polymer Assemblies: Nanoscale Constructs Inspired from Biological Systems," <i>Journal of Polymer Science: Part A: Polymer Chemistry</i> 38 :1397-1407. |

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As this Information Disclosure Statement is being filed concurrently with the application, no fee is required.

Respectfully submitted,

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | Complete if Known | | |
| | | | Application Number | DIV of Serial No. 10/092,641 | |
| | | | Filing Date | Concurrently herewith | |
| | | | First Named Inventor | Craig Jon HAWKER et al. | |
| | | | Art Unit | Unassigned | |
| | | | Examiner Name | Unassigned | |
| Sheet | 1 | of | 1 | Attorney Docket Number | ARC920010100US2 |

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| Examiner Initials* | Cite No. | Document No. | Issue Date or Publication Date | Name of Patentee or Applicant of Cited Document | Class | Subclass | Filing Date if Appropriate |
| | AA | 4,829,144 | 5/9/89 | Brunelle et al. | | | |
| | AB | 5,039,783 | 8/13/91 | Brunelle et al. | | | |
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| | AK | DE 19754304 A1 | 6/10/99 | Germany | | | |
| | AL | DE 19922368 A1 | 11/16/00 | Germany | | | |
| | AM | DE 19947631 A1 | 6/29/00 | Germany | | | |
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| | AO | WO 99/43359 | 9/2/99 | PCT | | | |
| | AP | WO 00/78846 | 12/28/00 | PCT | | | |

| OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS | | | |
|--|----------|--|---|
| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T |
| | AQ | AUWETER (2000), "Production and Characterization of Organic Nanoparticles" seminar abstract, Clarkson University Department of Chemical Engineering and Center of Advanced Materials Processing (abstract printed 6/29/01 from URL: http://cu.clarkson.edu/~maigafat/PCON.html). | |
| | AR | MERCERREYES et al. (2001), "A Novel Approach to Functionalized Nanoparticles: Self-Crosslinking of Macromolecules in Ultradilute Solution," <i>Advanced Materials</i> 13(3):204-208. | |
| | AS | WOOLEY (2000), "Shell Crosslinked Polymer Assemblies: Nanoscale Constructs Inspired from Biological Systems," <i>Journal of Polymer Science: Part A: Polymer Chemistry</i> 38:1397-1407. | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.